| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|-------|--|---|---------------------|---------|------------------|
| S1 | 1 | 375/260.ccls. and ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same "IFFT") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 17:35 |
| S2 | 0 | 375/260.ccls. and ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same (inverse with fourier with transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 17:41 |
| S3 | 2 | ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same "IFFT") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 18:03 |
| S4 | 0 | ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same (inverse with fourier with transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 17:41 |
| S5 | 1 | ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same (inverse with transform)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 17:42 |
| S6 | 12378 | ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) with zero) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 18:01 |
| S7 | 4608 | ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) near2 zero) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 18:01 |

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| S8 | 841 | (((adjust\$4 or chang\$4 or vary\$4) | US-PGPUB; USPAT; | OR | ON | 2005/10/24 18:07 |
|-----|-------------|---|---|----|-----|------------------|
| | | near3 (carrier or channel or (sub adj1 channel) or frequencies)) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) near4 zero) | EPO; JPO; DERWENT | | | |
| 59 | 4 | (((adjust\$4 or chang\$4 or vary\$4) near3 (carrier or channel or (sub adj1 channel) or frequencies)) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) near4 (zero adj1 magnitude)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/24 18:07 |
| S10 | 4 37 | (rate or speed or carrier or sub-channel) same ("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/26 17:31 |
| S11 | 7 | (rate or speed or carrier or sub-channel) same ("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel) same clock\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 15:50 |
| S12 | 2 | ("6175550").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/25 19:21 |
| S13 | 28 | ("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel) same clock\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/15 09:23 |
| S14 | 49 | (select\$4 near3 (individual adj1 carrier)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/25 19:33 |
| S15 | 418 | (header near4 ((symbol or transmission or data) adj1 rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/25 19:34 |
| S16 | 34 | (header near4 ((symbol) adj1 rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/25 19:35 |
| S17 | 263 | (header near4 ((data) adj1 rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/25 19:35 |
| S18 | 38 | (header near4 (includ\$4 or identify\$4) near4 ((data) adj1 rate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/25 19:37 |

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|-----|-----|--|---|----|-----|------------------|
| S19 | 743 | (multicarrier or multi-carrier) same ((select\$4 or choos\$4) near3 (carrier or frequency or subcarrier or channel or subchannel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/25 19:38 |
| S20 | 660 | (multicarrier or multi-carrier) same ((select\$4 or choos\$4) near3 (carrier or frequency or subcarrier or channel or subchannel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/25 19:38 |
| S21 | 25 | (multicarrier or multi-carrier) and (carrier with "no signal") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/11/11 10:56 |
| S22 | 25 | (multicarrier or multi-carrier) and (((adjust\$4 or chang\$4) near3 (carrier or subcarrier or sub-carrier)) same ("no data" or "no signal" or zero)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/26 16:59 |
| S23 | 24 | S22 not S21 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/26 17:18 |
| S24 | 2 | ("5291289").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/26 17:05 |
| S25 | 2 | ("6726297").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/26 17:07 |
| S26 | 2 | ("6452907").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/05/26 17:07 |
| S27 | 382 | (signal near3 (zero adj1 magnitude)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/26 17:18 |
| S28 | 77 | (signal near3 (zero adj1 magnitude)) same (carrier or frequency) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/26 17:19 |
| S29 | 5 | (signal near3 (zero adj1 magnitude)) and (multicarrier or multi-carrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/26 17:19 |
| S30 | 66 | (("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel)) and counter and clock\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/05/26 17:32 |

| S31 | 2 | ("6175550").PN. | US-PGPUB; USPAT; EPO; JPO; | OR | OFF | 2006/11/11 10:33 |
|-----|-----|---|---|-----|-----|------------------|
| | _ | NG477777011 | DERWENT | op. | ٥٢٦ | 2006/11/11 10:52 |
| S32 | 2 | "6175550".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/11/11 10:52 |
| S33 | 2 | ("6175550").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/11/11 10:52 |
| S34 | 9 | ("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel) same clock\$4 and count\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/15 09:23 |
| S35 | 0 | "6175550".pn. and (phase adj1 lock\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 15:51 |
| S36 | 0 | "6175550".pn. and ("PLL") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 17:40 |
| S37 | 21 | (select\$4 or choos\$4) same (("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 17:56 |
| S38 | 879 | (multiplex\$5) same (("IFFT" or (inverse adj2 Fourier)) with (clock\$4 or frequency)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 17:56 |
| S39 | 448 | (multiplex\$5) same (("IFFT" or (inverse adj2 Fourier)) with (clock\$4 or frequency)) same (carriers or sub-carriers or subcarriers) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 17:57 |
| S40 | 9 | (multiplex\$5) same (("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) same (carriers or sub-carriers or subcarriers) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 17:59 |
| S41 | 3 - | (("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) with "PLL" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 18:00 |
| S42 | 4 | (("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) with (phase adj2 lock\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 18:01 |

| S43 | 8 | ("IFFT" or (inverse adj2 Fourier)) with (phase adj2 lock\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 18:01 |
|-----|-------|---|---|----|----|------------------|
| S44 | 78925 | (("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) xzme (phase adj2 lock\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 18:01 |
| S45 | 6 | (("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) same (phase adj2 lock\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 18:02 |
| S46 | 5 | (("IFFT" or (inverse adj2 Fourier)) same (sub-carriers or subcarriers or carriers)) same (phase adj2 lock\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 18:03 |
| S47 | 38 | ("IFFT" or (inverse adj2 Fourier)) same (phase adj2 lock\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:30 |
| S48 | 1 | (frequency near2 synthesizer) same (iFFT) same (phase near3 lock\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:23 |
| S49 | 28 | ("IFFT") same (phase adj2 lock\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:22 |
| S50 | 31 | ("IFFT") same ("PLL") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:26 |
| S51 | 9 | S50 not S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:22 |
| S52 | 27 | (Inverse adj2 Fourier) same (phase adj2 lock\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:22 |
| S53 | 3662 | (frequency near2 synthesizer) with (phase near3 lock\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:23 |
| S54 | 3616 | (frequency near2 synthesizer) with (phase adj2 lock\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:23 |

| S55 | 19 | ((frequency near2 synthesizer) with (phase adj2 lock\$4)) same (subcarriers or sub-carriers) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:24 |
|-----|------|--|---|----|----|------------------|
| S56 | 24 | (inverse near3 Fourier) same ("PLL") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:25 |
| S57 | 39 | ("IFFT" or (inverse adj2 Fourier)) same ("PLL") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:31 |
| S58 | 8732 | (phase adj2 lock\$4) same (carriers or subcarriers) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:31 |
| S59 | 5 | (phase adj2 lock\$4) same (subcarriers) same ("OFDM") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:32 |
| S60 | 5 | (phase adj3 lock\$4) same (inverse adj1 Fourier) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:33 |
| S61 | 3275 | (phase adj3 lock\$3 adj1 loop) with (frequency adj2 synthesizer) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 19:33 |
| S62 | 21 | ((phase adj3 lock\$3 adj1 loop) with (frequency adj2 synthesizer)) and (inverse adj2 Fourier) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/07 23:40 |

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